

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



1/6

**293H Cells Transfected with
Anti-Ataxin1 Ribozyme (A1364A)
and Anti-ataxin siRNA (AT0945)**

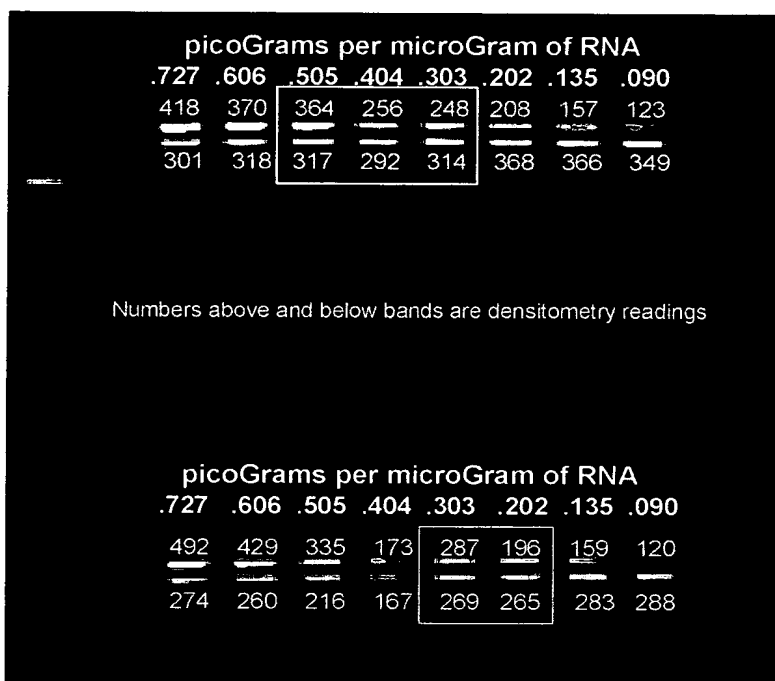


FIG. 1

2/6

**293H Cells Transfected with Control siRNA (GAPDH)
 and Anti-ataxin siRNA (AT1671)**

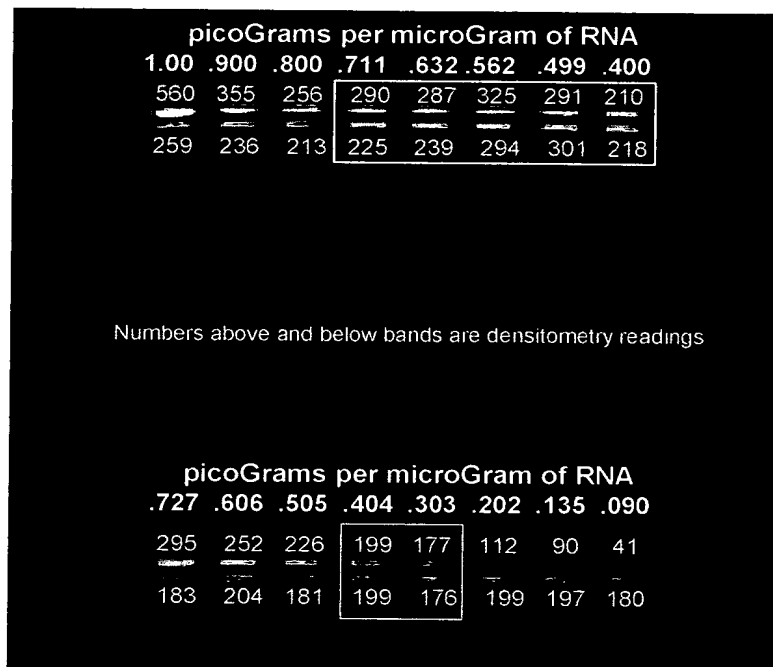


FIG. 2

3/6

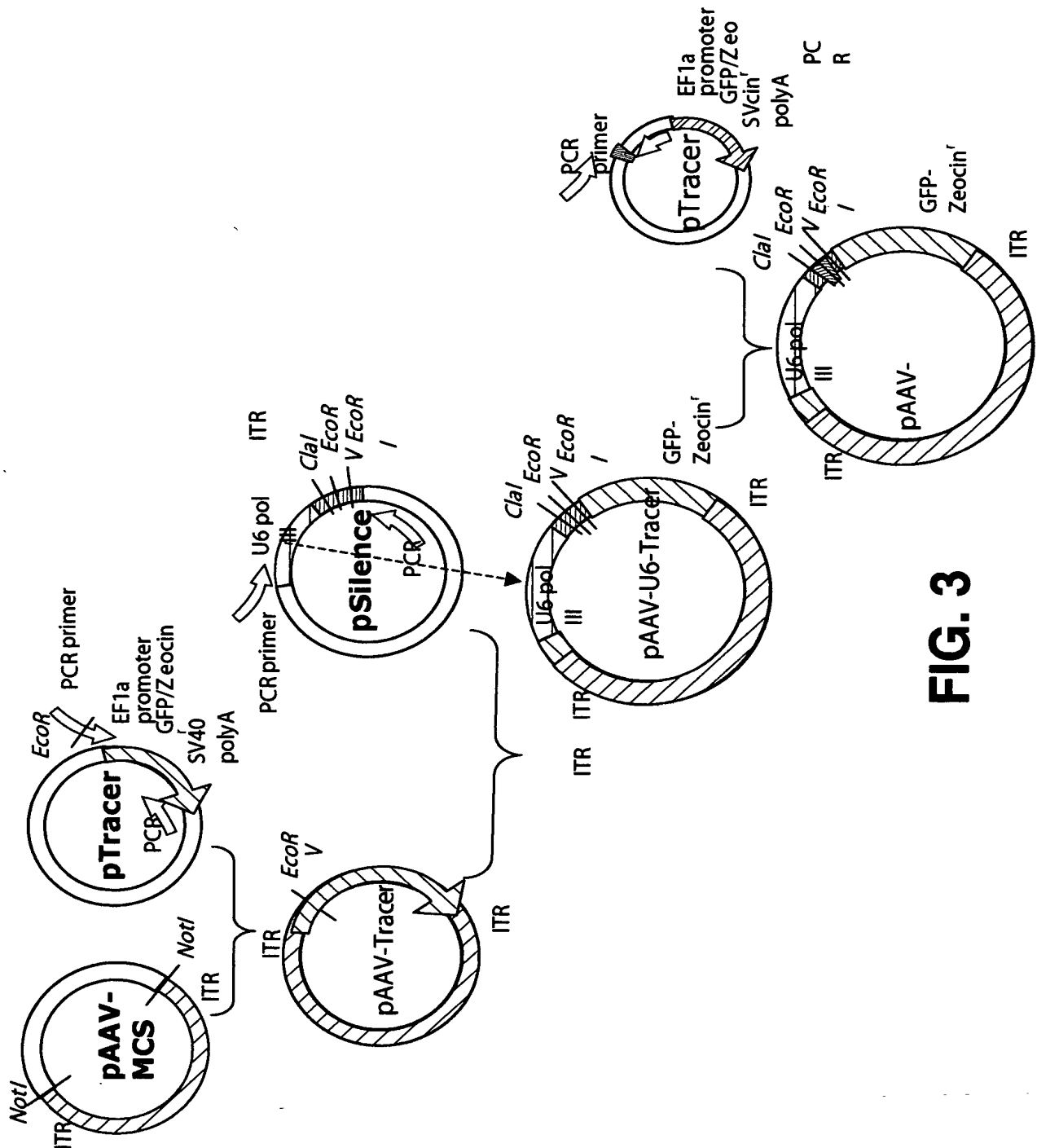


FIG. 3

4/6

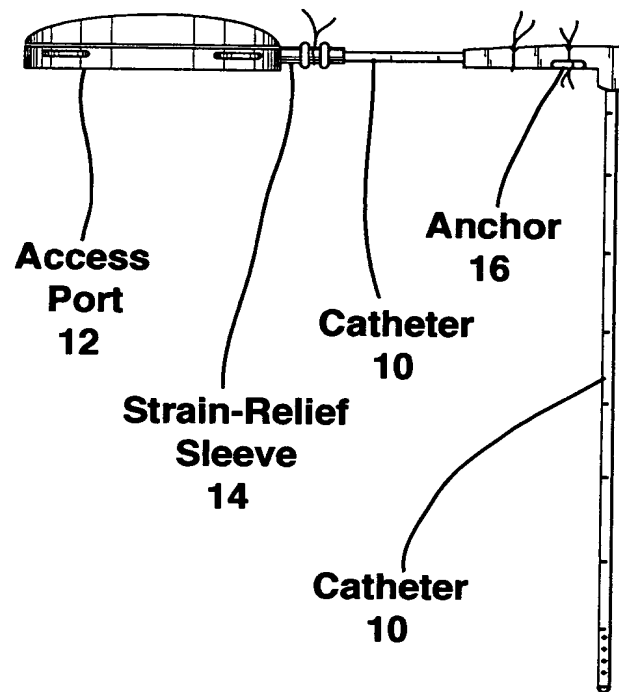


FIG. 4

5/6

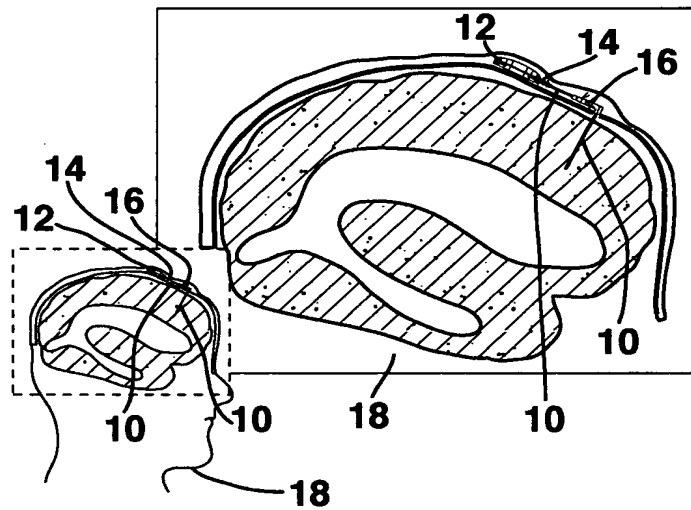


FIG. 5

6/6

Small interfering RNA Treatment of Neurodegenerative Diseases

Disease	Location	Gene Product
Parkinson's Disease	Sub Nigra	alpha-synuclein
Alzheimer's Disease	Basalis of Meynert Cerebral Cortex	BACE1 (including variants thereof, e.g. variants A, B, C, and D)
Huntington's Disease	Striatum: Caudate Nucleus Putamen	Huntingtin IT15
Spinocerebellar Ataxia Type 1 Type 2 Type 3 (Machado Joseph)	Deep Cerebellar Nuclei: Dentate nucleus Emboliform nucleus Globose nucleus Fastigial nucleus Cerebellar cortex	Ataxin 1 Ataxin 2 Ataxin 3
Dentatorubral-pallidoluysian atrophy	Red Nucleus Globose Piliidus	Atrophin 1

FIG. 6